

Converting Colors

RGB(138, 139, 221)

Have a look what the booklet for
RGB(138, 139, 221) contains.

RGB(138, 139, 221)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(138, 139, 221)

Conversions

Conversions Part 1

Format	Color
Hex	8A8BDD
RGB	138, 139, 221
RGB Percent	54%, 55%, 87%
CMY	0.4588, 0.4549, 0.1333
CMYK	0.38, 0.37, 0.00, 0.13
HSL	239°, 55%, 70%
HSV	239°, 38%, 87%
XYZ	32.7650, 29.0890, 72.2944
YIQ	148.0490, -26.9180, 25.2900

Conversions

Conversions Part 2

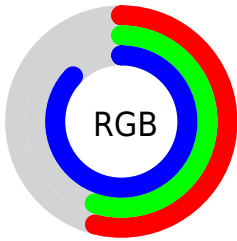
Format	Color
RYB	138, 139, 221
Decimal	9079773
CIELab	60.86, 19.29, -41.96
CIELCh	61, 46.185, 294.690
Yxy	29.0890, 0.2442, 0.2168
Android (android.graphics.Color)	4287269853 (0xFF8A8BDD)
YUV	148.0490, 35.9648, -8.8130
Hunter-Lab	53.9342, 14.0538, -41.7195

Details

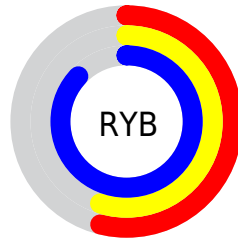
The RGB color **138, 139, 221** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **221, 220, 138**, and the grayscale version is **148, 148, 148**.

A 20% lighter version of the original color is **194, 192, 255**, and **84, 89, 165** is the 20% darker color. If you saturate the color by 10%, you get **116, 117, 221**, and if you desaturate by 10%, it is **160, 161, 221**.

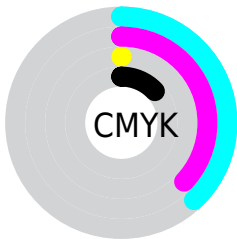
Distribution



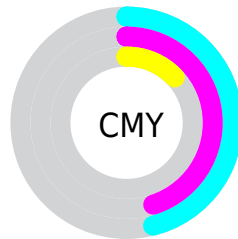
- Red (54%)
- Green (55%)
- Blue (87%)



- Red (54%)
- Yellow (55%)
- Blue (87%)



- Cyan (38%)
- Magenta (37%)
- Yellow (0%)
- Black (13%)



- Cyan (46%)
- Magenta (45%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RGB color 138, 139, 221 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 138, 139, 221 by changing the saturation by 10% instead.


 138, 139, 221


255, 255, 255

 194, 192, 255

 223, 220, 255

 252, 249, 255

 138, 139, 221

 111, 114, 193

 84, 89, 165

 56, 66, 139

 26, 44, 113

 0, 24, 88

 0, 0, 64

 0, 3, 41

 0, 1, 19

 0, 0, 0

■ 138, 139, 221

■ 138, 139, 221

■ 116, 117, 221

■ 160, 161, 221

■ 94, 95, 221

■ 182, 183, 221

■ 72, 73, 221

■ 204, 205, 221

■ 50, 52, 221

■ 226, 226, 221

■ 27, 30, 221

■ 249, 248, 221

■ 5, 8, 221

■ 255, 255, 221

■ 0, 3, 221

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



47, 153, 228



138, 139, 221



190, 123, 194

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



138, 139, 221



207, 127, 81



0, 167, 138

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



138, 139, 221



221, 220, 138

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87, 163, 98



138, 139, 221



177, 142, 63

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



138, 139, 221



223, 115, 115



137, 155, 69



0, 167, 180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



138, 139, 221



212, 115, 169



137, 155, 69



34, 166, 124

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



138, 139, 221



227, 227, 255



138, 221, 220



111, 111, 128



0, 0, 0



128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



138, 139, 221



140, 142, 255



178, 138, 221



99, 99, 110



0, 2, 173



0, 1, 46

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



221, 138, 139



255, 140, 142



181, 221, 138



110, 99, 99



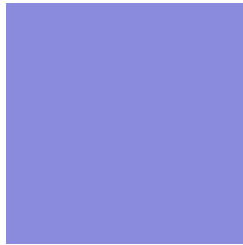
173, 0, 2



46, 0, 1

Previews

White Background



This preview shows how the RGB color 138, 139, 221 looks on a white background.

Color Contrast Check

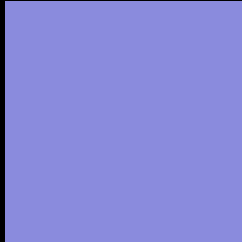
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 138, 139, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

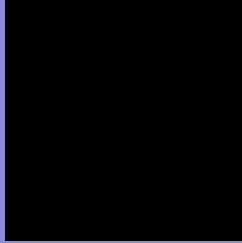
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 138, 139, 221 Background



This preview shows how black text looks on a background with the RGB color 138, 139, 221.



This preview shows how white text looks on a background with the RGB color 138, 139, 221.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
138, 139, 221

Protanopia
118, 144, 225

Deuteranopia
113, 146, 220



Tritanopia
124, 151, 163

Trichromacy



Original Color
138, 139, 221

Protanomaly
125, 142, 224

Deuteranomaly
122, 143, 220

Tritanomaly
129, 147, 184

Monochromacy



Original Color
138, 139, 221

Achromatopsia
148, 148, 148

Achromatomaly
144, 145, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 138, 139, 221 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(138, 139, 221)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 221)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(138, 139, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 221) }
```

Border

The CSS property to change the border of an element to RGB 138, 139, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 139, 221) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(138, 139, 221) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(138, 139, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 221);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
221) }
```

Background

The CSS property to change the background color of an element to RGB 138, 139, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 221) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(138,  
139, 221) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor